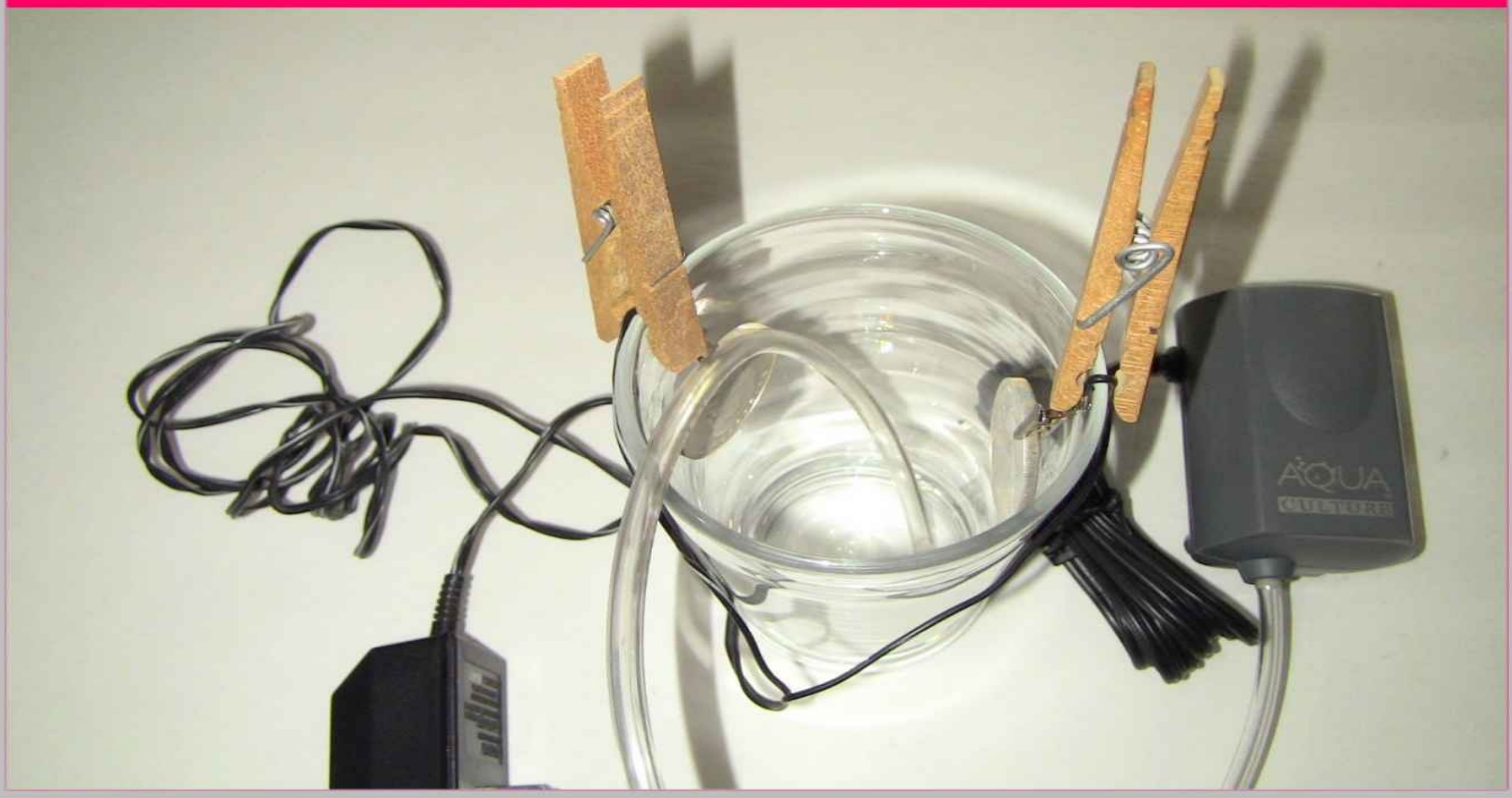
COLLOIDAL SILVER

FOR

$.99 PER GALLON

J. D. SANDLIN



Colloidal Silver

For

$.99 Per Gallon

by

J. D. Sandlin

Disclaimer

This book is written for information only. It has not been written to encourage anyone to prescribe or practice medicine. All of the information provided is based upon my own research and personal experience. Anything that I have experienced will not necessarily apply to anyone else.

All attempts possible have been made to verify the information provided. The author assumes no responsibility for errors, omissions or contrary interpretations of the information discussed.

This book is for entertainment only. The information expressed is that of the author only and should not be taken as expert instruction. The reader is responsible for his or her own actions taken in response to information in this book.

The author takes no responsibility or liability on behalf of the reader of this book.

Any perceived slight of any individual or organization is unintentional.

Table Of Contents

What Is Magic Water?
History Of Silver In Medicine
What Is Colloidal Silver Reported To Do?
My Personal Adventure With Magic Water
Government Attitude Toward Silver Medicine
Toxicity-Is Colloidal Silver Safe?
Claims From Users
How To Make A Colloidal Silver Generator
Summary

What Is Magic Water?

Magic water is the name given by me and my family for colloidal silver. Colloidal silver is a fluid containing minute silver particles (as small as 1/10,000 inch) held in suspension in water.

The colloidal silver that will be described is made through the process of electrolysis. The solution contains charged silver particles so small they cannot be seen with the naked eye.

Electrolysis is the chemical action which is connected with the passage of electricity through an electrolyte. In our case, electricity is passed from one silver source to another through a medium of water. Many of the ions of silver and minute particles will remain in the water when the process is ended.

Because of the small size and positive electrical charge, the particles repel each other in the solution and thus stay suspended in the water indefinitely and do not settle out.

The process of making colloidal silver varies with each individual described. Every maker claims to know the only process, the only ingredients and the only true results.

This book is based upon my own research and experience. My research

agrees with some reports and totally disagrees with others. If you choose to believe information other than what is contained in this book, go with that.

How does colloidal silver work? Some have described it as a catalyst that disables a particular enzyme in a disease causing cell, as it transfers oxygen and nutrients. The disease organism suffocates. The colloidal silver will cripple the activity of the particular enzyme common to all viruses, fungus and bacteria, while at the same time not affecting the enzymes of live tissues.

History Of Silver In Medicine

The use of silver for medicinal purposes is nothing new. Our great grandparents placed a silver dollar in milk to keep it from spoiling. The Phoenicians are said to have stored water, wine and vinegar in silver containers to prevent spoiling. The ancient Greeks recognized that families eating from silver utensils rarely were sick or had few infections . As time went on, rulers and the wealthy adopted the practice of using silver plates , silver cups and silver utensils to avoid infectious illness.

Hippocrates, the father of medicine, wrote that silver had beneficial healing and anti-disease properties.

Prior to World War II, silver was known as a powerful antibiotic and anti-fungal substance and was prescribed for a great variety of diseases and infections. None of today's antibiotics were available so colloidal silver was used extensively. It consisted of ground up silver suspended in a liquid. These products were very expensive and were available to mainly the wealthy. Physicians used colloidal silver as an eye drop for ophthalmic problems. Sometimes it was taken internally for diseases such as epilepsy, gonorrhea and the common cold.

With the introduction of antibiotics in the 1940's, the use of silver as an antimicrobial agent diminished.

In 1938, the pharmaceutical industry made a startling discovery. The discovery was not a kind of medicine. It was:

People will pay for drugs.

What Is Colloidal Silver Reported To Do?

I have in my possession a copy of a letter issued by the University of North Texas, Department of Biological Sciences on April 24, 2000. The letter reports on tests of a particular brand of colloidal silver against five common bacterial pathogens (staphylococcus epidermidis, staphylococcus aureus, enterococcus faecalis and salmonella typhimurium) and one fungal pathagen (candida albicans).

The bacterial pathogens, when exposed to colloidal silver, were reduced from 10 billion germs to an undetectable level in less than four minutes.

One billion candida pathogens were reduced to undetectable levels in less than two minutes when exposed.

It has been reported that having silver in the bloodstream increases the healing process of fractured bones.

The following is a partial list from pre-1938 documented uses of silver, specifically in colloidal form, for the treatment of various conditions and pathogens.

Acne, arthritis, athlete's foot, bladder inflammation, burns, B. tuberculosis, cancer, colitis, cystitis, diphtheria, diabetes, dysentery, ear infections, Eustachian tubes, eczema, fibrosis, gonorrheal herpes, gonorrhea,

impetigo, influenza, intestinal conditions, leprosy, leukemia, lupus, malaria, meningitis, neurasthenia, ophthalmology, canine parvo virus, pneumonia, pleurisy, prostate, rheumatism, ring worm, rhinitis, seborrhea, septic ulcers, sepsis, septicemia, skin cancer, shingles, soft sores, spruce, staph infections, tuberculosis, tonsillitis, toxemia, typhoid, trench foot, ulcers, warts, whooping cough and yeast infections.

Wikipedia states " The silver ion (Ag+) is bioactive and in sufficient concentration readily kills bacteria in vitro. " Silver also kills bacteria in external wounds in living tissue, so physicians use wound dressings containing silver sulfaiazine (Ag-SD) or silver nanomaterials to treat external infections. Wound dressings containing silver are increasing in importance due to the recent increase of antibiotic-resistant bacteria, such as MRSA. The disinfectant properties of silver are used in medical applications, such as urinary catheters and endotracheal breathing tubes, where silver content is effective in reducing incidences of catheter-related urinary tract infections and ventilator-associated pneumonia (VAP), respectively. Silver is also used in bones prostheses, reconstructive orthopedic surgery and cardiac devices, as well as on surfaces and fabrics to reduce the spread of infection. Liquid sprays containing nano-silver are effective as a hard-surface disinfectant.

Perhaps you have noticed " band-aid " type products in the grocery store. Curad has a product with a silver impregnated pad.

Drinking water supplies of Russian Mir orbital station and the International Space Station have used electrolytically dissolved silver as a disinfecting agent.

The World health Organization uses colloidal silver to provide safe drinking water in developing nations.

In World War I, before the introduction of antibiotics, silver compounds were used to prevent and treat eye infections. Silver nitrate can be used as eye drops to prevent conjunctivitis in newborn babies. The standard in topical burn

treatment is silver sulfadiazine (AgSD). Silver is impregnated in to the burn dressing as a useful antibacterial agent for burn treatment.

A study administered by Hull york Medical School found that an antimicrobial barrier dressing containing silver provided a highly effective barrier to the spread of MRSA into the wider hospital.

The list of reported uses of silver goes on and on if one chooses to investigate. It is also used in medical appliances and of course alternative medicine.

My Personal Adventure With Magic Water

I have been making and using colloidal silver for around 15 years. I began making the solution with the process and materials that I will describe later in this book.

My first experience with silver was totally unknown to me. It seems that on my birth certificate, there is an entry that states that silver nitrate was placed in my eyes. I suppose that may have been a requirement back in those days. (1940) As I have already mentioned, silver nitrate was used to prevent conjunctivitis in newborn babies.

I accidentally stumbled on to an article on the internet about colloidal silver similar to what you are reading now. The author explained how he and his family were using colloidal silver. He also explained how to make a simple colloidal silver generator.

After I had thought about the article and the possible benefits of colloidal silver, I decided to make a generator. To my surprise, it was a success on my first try. I started taking a teaspoon of solution each day.

I didn't notice any reaction, so I increased the dosage to a tablespoon each day. That's when something happened.

I became sick. I was in bed for three days, coughing up black and green

mucus. I didn't relate the condition to my use of colloidal silver immediately. Then I remembered that the article had stated that some people had reactions to the colloidal silver. As the pathogens in the body are destroyed, the body expels them in different ways. Sometimes there may be an eruption in the skin. Sometimes they pass out as body waste. Some people have no reaction at all. My reaction was that I coughed up accumulated debris in my lungs.

I had a chronic cough since I was in high school. After I finished coughing, my chronic cough was gone. It has never returned. The disappearance of my cough was noticed by everyone that I associated with. It had been that bad and I had never smoked.

I have continued to use colloidal silver through the years. I take it internally (Tell Opra that I haven't turned blue) and externally for cuts, scrapes, bruises, insect bites and any other skin irritation where it seems appropriate.

My wife uses it like I do and has also used it to treat pink eye. Works great.

My health is great and has been for years. For a few years, I may have had one sick day each year. Now I have none. I don't take flu shots. I never get sick. Everyone should not expect this kind of results. As I mentioned, this is my personal adventure.

When I take my yearly physical examination, my doctor marvels at my state of good health. He has even tried to diagnose ailments without success. He thinks it makes him look bad that he can't find a problem.

I have explained what colloidal silver has done for me to some of my friends and relatives. Some took me seriously and some didn't. My nephew has used colloidal silver to purify water. My niece applied it to a wart on her husband's head, The wart went away. My sister has used it to disinfect table and counter tops. I have two elderly friends that used colloidal silver to treat very bad bruises on their arms. Healing occurred very quickly.

I continue to drink colloidal silver every day. I mix one cup of solution to 1-1/2 gallons of water.

I continually get skin cuts, abrasions and other skin irritations. I have a small spray bottle from Walmart that I use to apply the solution directly to the skin wound.

I have used colloidal silver as a disinfectant for kitchen counter tops, etc. If you want to see the bacteria on your counter tops, just leave a small puddle, about the size of a dime, of the solution on the counter top. In a short while, you will see the solution turn brown. That is dead organisms.

Government Attitude Toward Silver As A Medicine

Since government wants to control everything, for your own good of course, it especially does not want citizens to practice self-medication or use almost free medicine. Since silver is an element, it cannot be patented and is worth little except where it can be used in complement with other devises as has been previously discussed. Of course there is its use as money. Can you imagine what would happen if colloidal silver was used by everyone and it met the claims of current users?

In August, 1998, the FDA banned colloidal silver sellers from claiming any therapeutic or preventive value for the product, noting colloidal silver was being marketed for numerous diseases without evidence of safety or effectiveness. Following this ruling, the FDA has issued numerous warning letters to internet sites that have continued to promote colloidal silver as an antibiotic or for other medical purposes.

In 2002, the Australian Therapeutic Goods administration found there were no legitimate medical uses from the ingestion of colloidal silver and no evidence to support its marketing claims. Given the associated safety risks, the TGA concluded that efforts should be made to curb the illegal availability of colloidal silver products, which was a significant public health issue.

Our government is so enamored with pharmaceutical drugs, that in 1969 the surgeon general testified before congress that the time had come to close the book on infectious diseases.

Someone forgot to tell the infectious diseases. About the same time, the first disease causing bacteria that had developed a resistance to conventional antibiotics was discovered.

We are seldom told of the possible dangers associated with our currently approved drugs or the dangers lurking in hospitals because of the multi-drug resistant (MDR) bugs like MDR Pneumococcus, MDR Staphylococcus, MDR Enterococcus Faecium or MDR tuberculosis.

Let's be fair. The effectiveness of colloidal silver has never been scientifically proven. There are endless claims by proponents of colloidal silver that tests that have been run, proving the effectiveness of the product. The cost to have colloidal silver approved by the FDA for each individual use is of course prohibitive. What pharmaceutical company would outlay those kinds of funds for a product from which they could not make money? (Remember, silver cannot be patented. Yet.)

I am amazed that people will buy many of the drugs approved by the FDA today. We hear recall notices almost daily for drugs that have been shown to be dangerous or fatal. When I see drug commercials on television, I cannot understand why people will purchase those items when the stated side effects are possibly worse than the sickness, Of course the commercial says to see your physician. Big deal.

Toxicity-Is Colloidal Silver Safe?

An article in the National Center For Complementary And Alternative medicine, points out that silver nitrate and silver sulfadiazine can have negative side effects and they must be applied to the body externally and not be taken internally.

Probably the most publicized condition caused by colloidal silver is the rare argyria. Prolonged, regular use of colloidal silver can cause particles of silver to build up in the skin. It will give the skin a bluish tint. It may be limited to the folds of the knuckles and beds of finger nails or it can cover the entire body.

You may recall the blue man that appeared on Opra. He claimed to have been taking silver for years. He was definitely blue. In all of my research, I have never heard of more than two or three cases where ingesting silver caused anyone to turn blue. He may have been blue, but he wasn't sick.

I have been talking colloidal silver internally for about 15 years and I don't have any evidence of being blue or tinted in any way.

Silver deposits do take place anytime colloidal silver is used. There is an accumulation of the particles in all body tissues including the brain. I know of no neurological damage due to colloidal silver.

Some studies state that chronic intake of silver particles can result in an accumulation of silver or silver sulfide particles in the hair, skin, kidneys, liver, heart and muscles due to methionine containing proteins. Serious neurological

seizures, renal or hepatic complications, headaches, stomach distress, fatigue and skin irritation have been reported. Colloidal silver can reduce the absorption of some medications. One death has been reported in the medical literature which the authors felt was due to silver toxicity resulting from repeated oral ingestion of colloidal silver.

The above sounds like the normal results of our current pharmaceutical drugs. How many people die of prescription drugs each year.

Claims From Users

As I mentioned before, I have been taking colloidal silver internally for many years. Also, I have used it for wounds and skin irritations without any negative effects.

After I began making and using colloidal silver, I came across a Yahoo Group forum on the internet that was interested in colloidal silver. I joined and began watching the various stories posted. Were they all true? Probably not. I'm, sure some were. Some of the posts were made by sellers of colloidal silver products. Those were easily identified and examined with caution. I am going to list below some of the statements made by many of those in the group. I think these are representative of the participating membership. You judge for yourself.

*

“ I've used colloidal silver in modest amounts with no ill effects and believe it to be an effective anti-bacterial agent, possibly as good as or better than the various antibiotics that are currently in use (and overuse) .“ by InterceptPoint

*

“ The reason that there has never been a good argument against CS is that

there is no basis for one that relies on the truth. Those that argue against CS make a fundamental mistake, in that they lump CS in with many other silver products, many of which can cause serious problems if ingested . “ by uncleben75708

*

“ I have also found that nebulising colloidal silver great for coughs and bronchitis. Also seems to aid certain types of pneumonia. “ by ipanderson

*

“ You are talking to someone here who uses colloidal silver and can tell you that it really does work. The stories I have posted in this club are true and factual. I have nothing to gain in telling false stories. “ by Juan Honglo

*

“ I have used colloidal silver for 4 years for myself and my husband and our 6 children to clear up bladder, ear, strep, viral and bronchial infections. Now I need to know about using 200 parts per million solution to purify water. How much silver to how much water for drinking? “ by patricia4046135

*

“ I have always been susceptible upper respiratory infections which usually lingered on for a week or two. Since taking a few ounces of CS every morning for over a year now, I haven't had so much as a sniffle even though I have been exposed to infected co-workers. “ by Rasputin7

*

“ No home-made CS generator, nor any commercially available (that I am aware of) will make a CS product that is unacceptable for human consumption, as long as these two rules are followed: 1) use the best distilled water you can find or make, and 2) use the purest silver you can find. “ by uncleben75708

*

BYU study shows colloidal silver is as good as penicillin. “ by Lois M. Collins, desert News Staff Writer

*

“ Some cultures wrap their food in a thin sheet of silver and eat the silver with the meal. WHAT SIZE PARTICLE IS THAT? Bottom line is...NOT ONE B AD EXPERIENCE! What really amazes me about us is we read hundreds of positive posts but let one negative post shoe up and we are ready to shuck the whole deal. Gimme a break! “ by uncleben75708

*

“ My daughter has Cystic Fibrosis and has had many infections in the last few years, taking large doses of antibiotics. Six weeks ago she started taking colloidal silver. In the second week she had four cultures done in the hospital and none of the usual bugs grew. We are cautiously hopeful and excited and would like to hear from anyone else with CF who is taking colloidal silver. “ by jenryantoy

*

“ I have been using CS for about 8 months and have been making my own for about 6 months. I have a homemade generator with no bells or whistles. The CS is usually a pale yellow. It works!! I have used it daily for quite some

time. I noticed the age spots on the back of my hands have disappeared. The alligator type skin on arms has gone away. My grandmother calls CS “ Grannies Medicine. “ I cleared her of a few spots of acne from her face in less than 24 hours. It is difficult to convince people about it so don't try. I just tell them what I use it for. Seeing is believing. “ by JeanBee61

*

“ Doctors told me they would keep me on antibiotics for the rest of my life, which I thought was insane. So I started researching CS and here I am, making my own CS with a simple battery powered homemade generator, doing quite well, have been consuming CS for a tad over one year now, no antibiotic drugs and no flu shot. “ by charcoalirish

*

“ My husband has COPD and used/uses CS to get rid of pseudomonas and other infections. It worked extremely well for the pseudomonas when antibiotics failed. He uses CS in a nebulizer 4 times each day along with other airway opening prescribed medications. And he also drinks an ounce twice a day. “ by sharwebb30512

I could continue these testimonials for several pages, but there really is no need. These folks truly believe in the benefits of colloidal silver.

How To Make A Colloidal Silver Generator

The colloidal silver generator that I am about to describe is the simplest that I know of. The electricity can be supplied by batteries, but I prefer constant, uninterrupted power from an electrical plug. In case of power failure, batteries can supply the current.

The following materials will be required:

* Distilled water. The water must be pure distilled water. I buy it at Walmart or the grocery store. I prefer the water that is steam distilled. The distilling process will be given on the product label.

* One direct voltage transformer. If you have ever used a charger for a cell phone or other small electrical device, you have probably used the correct transformer. Look on the back of the transformer for the output voltage. It should read 6 volts dc, 200 ma. I save all of my cell phone chargers since most of them work in this application. I also see them at garage sales.

* Two alligator clips. You can get these at Walmart or almost any store that carries electrical supplies. Small ones will work. The clamp should fit over the edge of a silver dollar. (about 1/8”)

*One fish tank air pump. These can be purchased at Walmart, Petsmart or any pet supply store. Get a small one with low volume output. I buy the

smallest they have.

* Two feet of plastic tubing. I get mine at the local hardware store. This tubing is the air supply line that carries the air from the fish tank pump to the solution. The inside diameter of the tubing should fit tight over the output port of the air pump. Be sure to check before you purchase.

* A one quart glass jar. This can be purchased at the grocery store or you may have one lying around that will work. It's not special. I have used a large drinking glass when a jar wasn't available. A jar works best because a lid can be screwed on to preserve the solution for the future.

* Two pieces of pure 99.9% silver. Some people use jewelers wire. I prefer using two, one dollar silver coins. I use the Canadian Maple Leaf because it has 99.99% pure silver. Sterling silver will not work. It has too many impurities. You want only pure ingredients. Jewelers wire can be purchased on Amazon or Ebay. Be sure it is 99.9% pure silver. The silver will be the most expensive part of your generator because of the high cost of silver. The silver will be around long after you are gone.

* Two small clamps to hold the silver pieces with the attached alligator clips to the mixing jar. I use clothes pins.

* Wire cutters and a sharp knife.

* Cooking timer. You will need a timer to determine how long the solution is mixed.

* Laser pointer. This pointer will be used at the end of the generation to determine the silver in suspension. It does not have to be expensive. Just be sure it makes a small, distinct beam.

* TDS meter. This is an instrument to measure the total dissolved solids in the solution. This will check the parts per million of silver in the solution when you finish. These can be purchased on Amazon or Ebay and also at many office supply stores.

* Scotch Brite pads. There are a green cleaning pad. Each time you use the silver, you should rub the silver with the cleaning pad to remove any tarnish or residue. Wipe the silver clean with a clean paper towel. You must keep the silver clean. Silver tarnishes easily and the generating process will leave a dark residue on your silver. Do not use silver cleaner. Keep the silver and cleaning materials dry.

Using the wire cutters, cut the plug from the end of the wire opposite the transformer. Separate the two wires back about 10” with your knife. At the end of each wire, peel the insulation off the wires back about one inch from the end.

Twist the bare wire ends between your fingers to make a more solid end. Stick the wire through the hole in the end of the alligator clip and twist it around itself to secure to the clip.

Clamp each alligator clip to your selected silver electrode. (silver wire ,silver coin, etc.) Remember the silver must be pure. (99.9% pure silver) Sterling silver will not work.

Place each silver piece with the alligator clip attached in to the jar and bend the wire back over the edge of the jar, so that the wire hangs over the lip of the jar with the silver pieces in the jar. Clip the wire to the lip of the jar with your clip or clothes pin.

Attach the rubber (or plastic) tubing to the aquarium air pump. Place the open end of the tubing into the jar with the end touching the bottom of the jar. Clip the tubing to the lip of the jar with another clip or pin. If you don't do this, the tubing will probably come flying out of the jar because of the air pressure when the pump is turned on. Keep the bubbling end at the bottom of the jar. Don't let it bubble near the top.

Heat a container of distilled water to 160-170 degrees. I heat a large glass or a quart canning jar in my microwave oven for two minutes. Pour the heated, distilled water into the jar until water covers about ½ inch of the silver electrode. If you use silver wire electrodes, they may be farther down in the water. Do not let the alligator clips touch the water. (The clips will contaminate the water)

Do not let the water cool before you start the process. Keep the process going.

USE EXTREME CAUTION WHEN WORKING WITH ELECTRICITY. DO NOT HANDLE ANY OF THE MATERIALS WHEN THE TRANSFORMER OR THE AIR PUMP ARE PLUGED IN !!!!!!

Plug your aquarium pump into an electrical socket. Then plug in the transformer. I do this to be sure the water is agitating when the current is applied.

The generating process will take five hours. The timer I use is a one hour timer. I reset it five times.

When the timer goes off, shine your laser pointer through the jar. You should see a reddish colored beam passing through the liquid with sparkling lights within the beam. The solution itself should be clear. This light is called the Tyndale Effect and indicates the light is reflecting off particles of silver suspended in the water. If you test the solution with a TDS meter, the meter should read between one to five parts per million. This is a good range. If you want more parts per million, let the generator run for a longer period of time. Also, if you use a larger container for your generator, you will have to let the generator run longer to obtain the parts per million you desire.

Most of the time when I make colloidal silver, I do not use a TDS meter. If I run the generator and can see the red beam and reflecting particles with the laser pointer, I believe the solution is ready. If I use the same process every time, I feel the solution is fine if the TDS meter reads a low number when it is used.

Some makers of colloidal silver claim that their solution when finished is yellow or yellow tinted and has a metallic taste. In my opinion, the yellow color is caused by impurities in the silver or distilled water or by generating the process too long.

My own colloidal silver has always been clear and tasteless.

Screw a lid on the jar of completed solution and store in a dark cool place. Do not refrigerate. If you decide to take internally, take only a teaspoon each day to start. Don't rush. Research for yourself and go from there.

Put some of the colloidal silver in a small spray bottle and spray directly on skin problems. Don't dry it off. Let it dry naturally.

Clean the two silver electrodes with a Scotch Brite pad. Rub off the tarnish with a clean paper towel. (Repeat this cleaning process before you make colloidal silver again. The silver will continue to tarnish even without use.)

Hint: I keep all of my components for the generating process together in a plastic bag.

Summary

Many will scoff at the simplicity of the contents of this book. Others will say the materials, the process and the results are totally wrong. The toxicity possibilities will scare some.

All I can say is that this system as I have described it, works for me every time. If pharmaceuticals should not be available, I have a fall back position. Since I don't use pharmaceuticals, I don't worry if they stop. I can make and sell (or give away) CS to others in need. The cost is minor. I pay about a dollar a gallon, not including the one time cost of silver. The prices that you see on the internet are ridiculously high and you accept their word for how it is made and its purity.

If you desire, you can make or buy a distilling machine so that you can always have distilled water. The silver that you purchase initially will last longer than you.

I am not recommending that you make or use colloidal silver. That is your personal decision.

This book is for information and entertainment.

I have several containers of magic water to make my life easier, especially in a collapse, or if bacteria and viruses become resistant to antibiotics.

The following links will give you additional information about colloidal silver.:

http://archive.lewrockwell.com/durst/durst-m48.1.html

http://articles.mercola.com/sites/articles/archive/2013/11/09/antibiotic-drugs.aspx

http://www.naturalnews.com/047101_Ebola_colloidal_silver_government_seizur

http://articles.mercola.com/sites/articles/archive/2013/11/09/antibiotic-drugs.aspx

http://articles.mercola.com/sites/articles/archive/2013/07/03/antibiotics-colloidal-silver.aspx

Be sure to read the references to colloidal silver in the last two links.